

07.2—175 Subsequent installation of modified adjusting pin for air valve preload of stage II

Testing and adjusting values

National version		Adjusting weight	Length ¹⁾
J	1976	170 ± 2	190
S	1976	160 ± 2	180
USA	Federal 1973/74	112 ± 2	125
USA	California 1974	143 ± 2	160
USA	Federal and California 1975/76	170 ± 2	190

¹⁾ These dimensions apply to St 37. When using other materials, the specified testing weight must be maintained. The respective length results from this weight.

Air valve gap

When loaded with adjusting weight	1.5 mm
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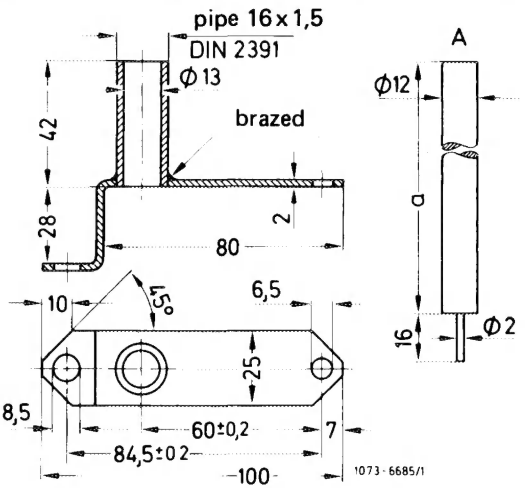
Conventional tools

Hex. socket wrench 2.5 mm

Drill 4.6 mm dia.

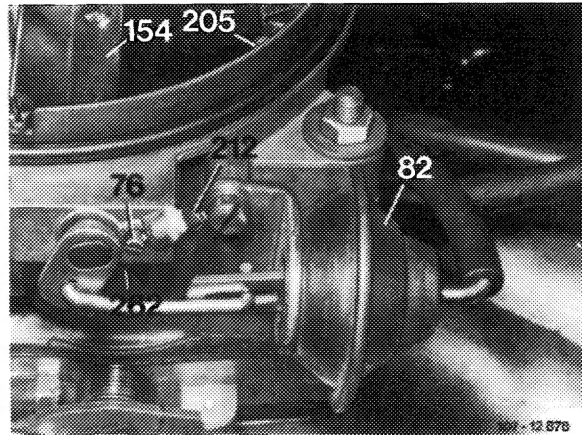
Self-made tool

Adjusting device for air valve of stage II



Subsequent installation

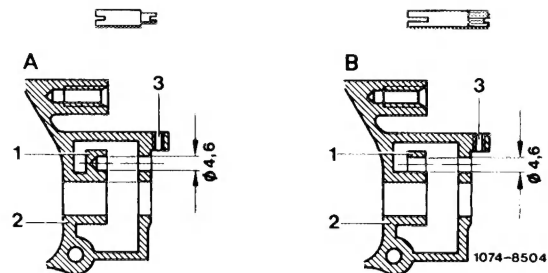
- 1 Remove carburetor cover (07.2–192).
- 2 Unscrew locking screw (212), remove adjusting pin (76) and restoring spring of adjusting pin.



- 3 Clamp carburetor cover into vise, using projective jaws.

- 4 Extend rear mounting bore of adjusting pin. For this purpose, drill completely through housing eye (1) with a drill of 4.6 mm dia.

A Before B New



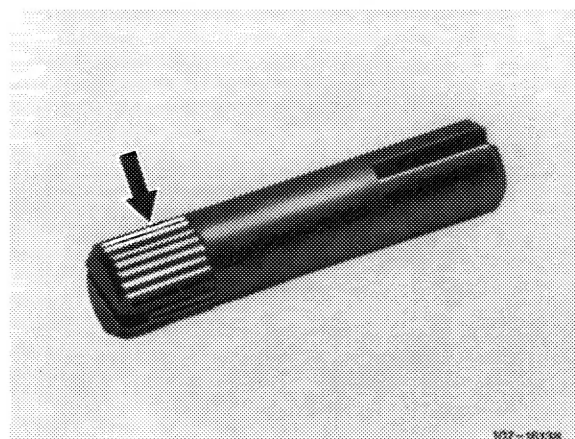
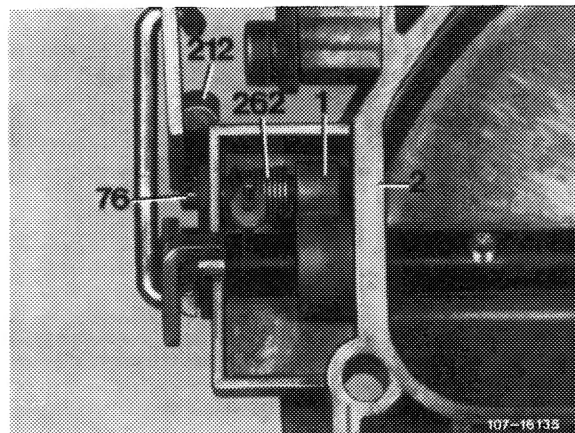
Attention!

Do not damage carburetor housing wall (2) toward mixing chamber while drilling.

- 5 Install new adjusting pin with knurls and restoring spring with slide block. For this purpose, move restoring spring into installation position. Slip-in adjusting pin up to stop while turning adjusting pin so that the restoring spring can engage in slot of driver. Install carburetor cover.

- 6 Complete air valve adjustment of stage II (07.2–170).

- 1 Housing eye
- 2 Carburetor housing wall
- 76 Adjusting pin
- 212 Locking screw
- 262 Restoring spring



New adjusting pin with knurls (arrow)